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MESSAGE:

IN RE APPLICATION OF: WOLF, E. GEORGE

FILED: 3/12/2001

TITLE: HYPERBARIC OXYGEN ORGAN PRESERVATION SYSTEM (HOOPS)

GROUP ART NO.: 1744

DRAFT Amendments to the Claims attached.

Examiner Redding: Please let me know by telephone whether the attached draft amendments to the claims comply with your requests. Thank you.

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Draft

Amendments to the Claims

Claim 15: A system for supplying hyperbaric oxygen to a biological entity, said system comprising:

a vessel capable of enclosing said biological entity and providing receiving and maintaining said hyperbaric oxygen environment ~~and enclosing said biological entity;~~

a pressurized gas source for supplying said hyperbaric oxygen;

a high surface area oxygenator for receiving said hyperbaric oxygen;

a perfusate for absorbing said hyperbaric oxygen within said oxygenator;

a fluid delivery tube attached to said oxygenator;

a high pressure pump to circulate said perfusate;

whereby oxygenated perfusate is delivered under a sustained pressure environment greater than one atmosphere absolute to said biological entity through said fluid delivery tube.

Claim 23: The system as defined in Claim 15, further including a negative pressure means for circulating said perfusate from said biological entity to said oxygenator, wherein said system functions in a ~~manner similar to natural vascular physiology~~ manner.

Claim 24: The system as defined in Claim 23, further including at least one access port in said means for circulating said perfusate wherein said access port functions in a ~~manner similar to access to a natural venous system~~ manner.